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THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/816,094
Applicant : BRANAGAN
Filed : APRIL 1, 2004
TC/A.U. : 1775

Docket No. : NANO003U

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING

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By April Davis
April Davis

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

The references listed on the attached form PTO-1449 relate to the subject matter of the present invention and are brought to the attention of the Patent and Trademark Office pursuant to 37 C.F.R. 1.56 and 1.98.

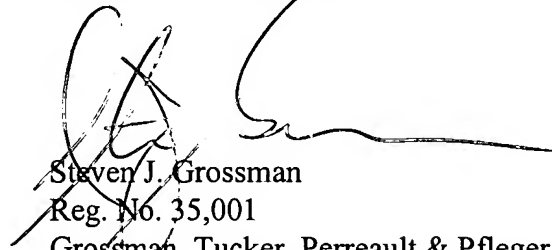
The references listed on the enclosed PTO Form 1449 were cited in the enclosed International Search Report for the corresponding PCT Application No. PCT/US04/10035.

While this statement contains all the relevant information presently known to the applicant, it should not be interpreted as a representation that an exhaustive search has been conducted or that no other relevant information exists. Also, this statement should not be interpreted as a representation that any cited reference is prior art, or that any cited reference is "material to patentability" as defined

in 37 CFR §1.56. The applicant invites the Examiner to make an independent evaluation of each cited reference to determine their relevance to the subject matter of the present application.

Finally, the applicant urges that the claims are patentable over the disclosed information.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Steven J. Grossman', is written over the typed name and registration number.

Steven J. Grossman

Reg. No. 35,001

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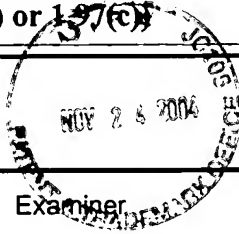
Ph: 603.668.6560

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.97(c))				Docket No. NANO003U	
In Re Application Of: BRANAGAN					
Application No. 10/816,094	Filing Date APRIL 1, 2004	Examiner 4013	Customer No. 32047	Group Art Unit 1775	Confirmation No. 9485
Title: CONTROLLED THERMAL EXPANSION OF WELDS TO ENHANCE TOUGHNESS					
<p>Address to: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450</p> <p>37 CFR 1.97(b)</p> <p>1. <input checked="" type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.</p> <p>37 CFR 1.97(c)</p> <p>2. <input type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:</p> <p><input type="checkbox"/> the statement specified in 37 CFR 1.97(e);</p> <p>OR</p> <p><input type="checkbox"/> the fee set forth in 37 CFR 1.17(p).</p>					

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
NANO003U

In Re Application: **BRANAGAN**



Application No. 10/816,094	Filing Date APRIL 1, 2004	Examiner	Customer No. 32047	Group Art Unit 1775	Confirmation No. 9485
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Title: **CONTROLLED THERMAL EXPANSION OF WELDS TO ENHANCE TOUGHNESS**

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
- ☐ The Director is hereby authorized to charge and credit Deposit Account No. _____ as described below.
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*This certificate may only be used if paying by deposit account.

Dated: 11/22/04

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CC:

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				Docket Number (Optional) NANO003U		Application Number 10/816,094		
				Applicant(s) BRANAGAN				
				Filing Date APRIL 1, 2004		Group Art Unit 1775		
				U.S. PATENT DOCUMENTS				
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	1	5,183,991	02/02/1993	ARAI	219	121.64		
	2	5,183,992	02/02/1993	BILGE ET AL	219	121.64		
	3	4,642,446	02/10/1987	PENNINGTON	219	121 LD		
U.S. PATENT APPLICATION PUBLICATIONS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>								
	4	International Search Report for application No. PCT/US04/10035 mailed October 8, 2004 (6 pgs).						
EXAMINER				DATE CONSIDERED				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								